

List of CAM5.1-1degree simulations run at LBNL for the C20C+ D&A Project

¹Dáithí Stone (dstone@lbl.gov)

This file lists the various CAM5.1-1degree simulations run by Lawrence Berkeley National Laboratory (LBNL) for the International CLIVAR Climate of the 20th Century Plus Detection and Attribution (C20C+ D&A) project.

General across all simulations

General model metadata

Attribute	Value
institution	Lawrence Berkeley National Laboratory, Berkeley, CA, USA
title	CAM5.1 model at 1.25x0.9375degree resolution
institute_id	LBNL
model_id	CAM5.1-1degree
contact	dstone@lbl.gov
references	http://www.cesm.ucar.edu/models/cesm1.0/cam/
project_id	C20C Detection and Attribution Project
acknowledgement	Integration performed on hopper.nersc.gov at the National Energy Research Supercomputer Center
institute_model_id	cam5.1
license	Creative Commons License: http://creativecommons.org/licenses/by-nc-sa/2.0/

All-Hist/est1/v1-0

Notes

- Intended to represent an approximation of the past climate but it ignores some major forcings
- Meaningful comparisons can be made against:
 - None

Status

31 January 2014

- All simulations completed
- Publishing of atmospheric output completed
- Publishing of land output pending

General experiment metadata

Attribute	Value
topography_file	USGS-gtopo30_0.9x1.25_remap_c051027.nc
experiment_family	All-Hist
experiment	est1
subexperiment	v1-0
parent_experiment_family	N/A
parent_experiment	N/A
parent_subexperiment	N/A

Experiment boundary conditions

Name	Setting	Filename
Anthropogenic radiative forcings		
Greenhouse gases	Historical to 2005, RCP4.5 after	ghg_rcp45_1765-2500_c100405.nc
Sulphate aerosol	Repeated year-2000 annual cycle	aero_1.9x2.5_L26_2000clim_c091112.nc
Organic aerosol	Repeated year-2000 annual cycle	aero_1.9x2.5_L26_2000clim_c091112.nc
Black carbon aerosol	Repeated year-2000 annual cycle	aero_1.9x2.5_L26_2000clim_c091112.nc
Stratospheric ozone	Historical to 2005, RCP4.5 after	ozone_1.9x2.5_L26_1850-2015_rcp45_c101108.nc
Natural radiative forcings		
Solar luminosity	Historical Historical according to Lean	spectral_irradiance_Lean_1610-2140_ann_c100408.nc
Volcanic stratospheric aerosol	Historical	CCSM4_volcanic_1850-2110_prototype1_mfw.nc
Sea salt aerosols	Repeated year-2000 annual cycle	aero_1.9x2.5_L26_2000clim_c091112.nc
Dust aerosol	Repeated year-2000 annual cycle	aero_1.9x2.5_L26_2000clim_c091112.nc
Surface boundary conditions		
Sea surface temperature	HadISST1 to 1981-10, NOAA OI.v2 after	sst_HadOIBI_bc_0.9x1.25_1850_2008_c100127.nc
Sea ice coverage	HadISST1 to 1981-10, NOAA OI.v2 after	sst_HadOIBI_bc_0.9x1.25_1850_2011_c110307.nc
Land cover	Historical to 2005, RCP4.5 after	surfdata.pftdyn_0.9x1.25_rcp4.5_simyr1850-2100_c100406.nc

Published output

Realm	Spatial dimension	Time frequency	Published variables Published variables
Atmosphere	2-D	Daily	clt, hfls, hfss, hurs, pr, ps, psl, rsds, tas, tasmax, tasmin
Atmosphere	2-D	Monthly	clt, hfls, hfss, hurs, huss, pr, ps, psl, rlds, rlus, rsds, rsus, snd, tas, tasmax, tasmin
Atmosphere	3-D	Monthly	hur, hus, ta, ua, va, wap, zg
Land	2-D	Fixed	sftlf

Simulations

run_id	institute_run_id	parent_run_id	Period published	Status
run003	cam5_1_ACE_1degree_3	1958-01→2008-12	Run completed, output published	
run005	cam5_1_ACE_1degree_5	1958-01→2008-12	Run completed, output published	
run006	cam5_1_ACE_1degree_6	1958-01→2008-12	Run completed, output published	
run007	cam5_1_ACE_1degree_7	1958-01→2008-12	Run completed, output published	
run008	cam5_1_ACE_1degree_8	1958-01→2008-12	Run completed, output published	
run009	cam5_1_ACE_1degree_9	1958-01→2008-12	Run completed, output published	

run011	cam5_1_ACE_1degree_11	1958-01→2008-12	Run completed, output published
run012	cam5_1_ACE_1degree_12	1958-01→2008-12	Run completed, output published
run013	cam5_1_ACE_1degree_13	1958-01→2008-12	Run completed, output published
run014	cam5_1_ACE_1degree_14	1958-01→2008-12	Run completed, output published
run015	cam5_1_ACE_1degree_15	1958-01→2008-12	Run completed, output published
run016	cam5_1_ACE_1degree_16	1958-01→2008-12	Run completed, output published
run017	cam5_1_ACE_1degree_17	1958-01→2008-12	Run completed, output published
run018	cam5_1_ACE_1degree_18	1958-01→2008-12	Run completed, output published
run019	cam5_1_ACE_1degree_19	1958-01→2008-12	Run completed, output published
run020	cam5_1_ACE_1degree_20	1958-01→2008-12	Run completed, output published
run021	cam5_1_ACE_1degree_21	1958-01→2008-12	Run completed, output published
run022	cam5_1_ACE_1degree_22	1958-01→2008-12	Run completed, output published
run023	cam5_1_ACE_1degree_23	1958-01→2008-12	Run completed, output published
run024	cam5_1_ACE_1degree_24	1958-01→2008-12	Run completed, output published
run025	cam5_1_ACE_1degree_25	1958-01→2008-12	Run completed, output published
run026	cam5_1_ACE_1degree_26	1958-01→2008-12	Run completed, output published
run027	cam5_1_ACE_1degree_27	1958-01→2008-12	Run completed, output published
run028	cam5_1_ACE_1degree_28	1958-01→2008-12	Run completed, output published
run029	cam5_1_ACE_1degree_29	1958-01→2008-12	Run completed, output published
run030	cam5_1_ACE_1degree_30	1958-01→2008-12	Run completed, output published
run031	cam5_1_ACE_1degree_31	1958-01→2008-12	Run completed, output published
run032	cam5_1_ACE_1degree_32	1958-01→2008-12	Run completed, output published
run033	cam5_1_ACE_1degree_33	1958-01→2008-12	Run completed, output published
run034	cam5_1_ACE_1degree_34	1958-01→2008-12	Run completed, output published
run035	cam5_1_ACE_1degree_35	1958-01→2008-12	Run completed, output published
run036	cam5_1_ACE_1degree_36	1958-01→2008-12	Run completed, output published
run037	cam5_1_ACE_1degree_37	1958-01→2008-12	Run completed, output published
run038	cam5_1_ACE_1degree_38	1958-01→2008-12	Run completed, output published
run039	cam5_1_ACE_1degree_39	1958-01→2008-12	Run completed, output published
run040	cam5_1_ACE_1degree_40	1958-01→2008-12	Run completed, output published
run041	cam5_1_ACE_1degree_41	1958-01→2008-12	Run completed, output published
run042	cam5_1_ACE_1degree_42	1958-01→2008-12	Run completed, output published
run043	cam5_1_ACE_1degree_43	1958-01→2008-12	Run completed, output published
run044	cam5_1_ACE_1degree_44	1958-01→2008-12	Run completed, output published
run045	cam5_1_ACE_1degree_45	1958-01→2008-12	Run completed, output published
run046	cam5_1_ACE_1degree_46	1958-01→2008-12	Run completed, output published
run047	cam5_1_ACE_1degree_47	1958-01→2008-12	Run completed, output published
run048	cam5_1_ACE_1degree_48	1958-01→2008-12	Run completed, output published
run049	cam5_1_ACE_1degree_49	1958-01→2008-12	Run completed, output published
run051	cam5_1_ACE_1degree_51	1958-01→2008-12	Run completed, output published

run052	cam5_1_ACE_1degree_52	1958-01→2008-12	Run completed, output published
run053	cam5_1_ACE_1degree_53	1958-01→2008-12	Run completed, output published
run054	cam5_1_ACE_1degree_54	1958-01→2008-12	Run completed, output published
run055	cam5_1_ACE_1degree_55	1958-01→2008-12	Run completed, output published

All-Hist/est1/v2-0-0

Notes

- Intended to represent an approximation of the past climate
- Fully compatible with:
 - All-Hist/est1/v2-0-1 (differs only in time period)
 - All-Hist/est1/v2-0-2 (differs only in time period)
- Meaningful comparisons can be made against:
 - Nat-Hist/CMIP5-est1/v2-0-0
 - Nat-Hist/CMIP5-est1/v2-0-1

Status

31 January 2014

- All simulations completed to 2012-12
- Continuation through 2013-12 pending
- Publishing of atmospheric and land output pending

General experiment metadata

Attribute	Value
topography_file	USGS-gtopo30_0.9x1.25_remap_c051027.nc
experiment_family	All-Hist
experiment	est1
subexperiment	v2-0-0
parent_experiment_family	N/A
parent_experiment	N/A
parent_subexperiment	N/A

Experiment boundary conditions

Name	Setting	Filename
Anthropogenic radiative forcings		
Greenhouse gases Sulphate aerosol	Historical to 2005, RCP8.5 after Historical to 2005, RCP8.5 after	ghg_rcp85_1765-2500_c100203.nc aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Organic aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Black carbon aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Stratospheric ozone	Historical to 2005, RCP8.5 after	ozone_hist-rcp85_v1_1.9x2.5_L26_1850-2105_DAS20130827.nc
Natural radiative forcings		
Solar luminosity Volcanic stratospheric aerosol Sea salt aerosols	Historical Historical according to Lean Historical Historical to 2005, RCP8.5 after	spectral_irradiance_Lean_1610-2140_ann_c100408.nc CCSM4_volcanic_1850-2110_prototype1_mfw.nc aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Dust aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Surface boundary conditions		
Sea surface temperature	HadISST1 to 1981-10, NOAA OI.v2 after	tos-sic_HadISST1-NOAA-OI-v2-for-LBNL-CAM5-1-1degree_All-Hist_est1_v1-3_185001-201301_20130810.nc
Sea ice coverage	HadISST1 to 1981-10, NOAA OI.v2 after	tos-sic_HadISST1-NOAA-OI-v2-for-LBNL-CAM5-1-1degree_All-Hist_est1_v1-3_185001-201301_20130810.nc
Land cover	Historical to 2005, RCP8.5 after	surfdata.pftdyn_0.9x1.25_rcp8.5_simyr1850-2100_c130702.nc

Published output

Realm	Spatial dimension	Time frequency	Published variables Published variables
Pending...			

Simulations

run_id	institute_run_id	parent_run_id	Period published	Status
run001	cam5_1_1degree_realworld_v1_3_ACE1	N/A	1958-01→2012-12	Run completed
run002	cam5_1_1degree_realworld_v1_3_ACE2	N/A	1958-01→2012-12	Run completed
run003	cam5_1_1degree_realworld_v1_3_ACE3	N/A	1958-01→2012-12	Run completed
run004	cam5_1_1degree_realworld_v1_3_ACE4	N/A	1958-01→2012-12	Run completed
run005	cam5_1_1degree_realworld_v1_3_ACE5	N/A	1958-01→2012-12	Run completed
run006	cam5_1_1degree_realworld_v1_3_ACE6	N/A	1958-01→2012-12	Run completed
run007	cam5_1_1degree_realworld_v1_3_ACE7	N/A	1958-01→2012-12	Run completed
run008	cam5_1_1degree_realworld_v1_3_ACE8	N/A	1958-01→2012-12	Run completed
run009	cam5_1_1degree_realworld_v1_3_ACE9	N/A	1958-01→2012-12	Run completed
run010	cam5_1_1degree_realworld_v1_3_ACE10	N/A	1958-01→2012-12	Run completed
run036	CAM5-1-1degree_All-Hist_est1_v1-3-0_run036	N/A	1958-01→2012-12	Run completed
run037	CAM5-1-1degree_All-Hist_est1_v1-3-0_run037	N/A	1958-01→2012-12	Run completed
run038	CAM5-1-1degree_All-Hist_est1_v1-3-0_run038	N/A	1958-01→2012-12	Run completed
run039	CAM5-1-1degree_All-Hist_est1_v1-3-0_run039	N/A	1958-01→2012-12	Run completed
run040	CAM5-1-1degree_All-Hist_est1_v1-3-0_run040	N/A	1958-01→2012-12	Run completed
run041	CAM5-1-1degree_All-Hist_est1_v1-3-0_run041	N/A	1958-01→2012-12	Run completed
run042	CAM5-1-1degree_All-Hist_est1_v1-3-0_run042	N/A	1958-01→2012-12	Run completed
run043	CAM5-1-1degree_All-Hist_est1_v1-3-0_run043	N/A	1958-01→2012-12	Run completed
run044	CAM5-1-1degree_All-Hist_est1_v1-3-0_run044	N/A	1958-01→2012-12	Run completed
run045	CAM5-1-1degree_All-Hist_est1_v1-3-0_run045	N/A	1958-01→2012-12	Run completed
run046	CAM5-1-1degree_All-Hist_est1_v1-3-0_run046	N/A	1958-01→2012-12	Run completed
run047	CAM5-1-1degree_All-Hist_est1_v1-3-0_run047	N/A	1958-01→2012-12	Run completed
run048	CAM5-1-1degree_All-Hist_est1_v1-3-0_run048	N/A	1958-01→2012-12	Run completed
run049	CAM5-1-1degree_All-Hist_est1_v1-3-0_run049	N/A	1958-01→2012-12	Run completed
run050	CAM5-1-1degree_All-Hist_est1_v1-3-0_run050	N/A	1958-01→2012-12	Run completed

All-Hist/est1/v2-0-1

Notes

- Intended to represent an approximation of the past climate
- Fully compatible with:
 - All-Hist/est1/v2-0-0 (differs only in time period)
 - All-Hist/est1/v2-0-2 (differs only in time period)
- Meaningful comparisons can be made against:
 - Nat-Hist/CMIP5-est1/v2-0-0
 - Nat-Hist/CMIP5-est1/v2-0-1

Status

31 January 2014

- All simulations completed to 2012-12
- Continuation through 2013-12 pending
- Publishing of atmospheric and land output pending

General experiment metadata

Attribute	Value
topography_file	USGS-gtopo30_0.9x1.25_remap_c051027.nc
experiment_family	All-Hist
experiment	est1
subexperiment	v2-0-1
parent_experiment_family	N/A
parent_experiment	N/A
parent_subexperiment	N/A

Experiment boundary conditions

Name	Setting	Filename
Anthropogenic radiative forcings		
Greenhouse gases Sulphate aerosol	Historical to 2005, RCP8.5 after Historical to 2005, RCP8.5 after	ghg_rcp85_1765-2500_c100203.nc aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Organic aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Black carbon aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Stratospheric ozone	Historical to 2005, RCP8.5 after	ozone_hist-rcp85_v1_1.9x2.5_L26_1850-2105_DAS20130827.nc
Natural radiative forcings		
Solar luminosity Volcanic stratospheric aerosol Sea salt aerosols	Historical Historical according to Lean Historical Historical to 2005, RCP8.5 after	spectral_irradiance_Lean_1610-2140_ann_c100408.nc CCSM4_volcanic_1850-2110_prototype1_mfw.nc aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Dust aerosol	Historical to 2005, RCP8.5 after	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Surface boundary conditions		
Sea surface temperature	HadISST1 to 1981-10, NOAA OI.v2 after	tos-sic_HadISST1-NOAA-OI-v2-for-LBNL-CAM5-1-1degree_All-Hist_est1_v1-3_185001-201301_20130810.nc
Sea ice coverage	HadISST1 to 1981-10, NOAA OI.v2 after	tos-sic_HadISST1-NOAA-OI-v2-for-LBNL-CAM5-1-1degree_All-Hist_est1_v1-3_185001-201301_20130810.nc
Land cover	Historical to 2005, RCP8.5 after	surfdata.pftdyn_0.9x1.25_rcp8.5_simyr1850-2100_c130702.nc

Published output

Realm	Spatial dimension	Time frequency	Published variables Published variables
Pending...			

Simulations

run_id	institute_run_id	parent_run_id	Period published	Status
run011	cam5_1_1degree_realworld_v1_3_1_ACE11	N/A	1996-01→2012-12	Run completed
run012	cam5_1_1degree_realworld_v1_3_1_ACE12	N/A	1996-01→2012-12	Run completed
run013	cam5_1_1degree_realworld_v1_3_1_ACE13	N/A	1996-01→2012-12	Run completed
run014	cam5_1_1degree_realworld_v1_3_1_ACE14	N/A	1996-01→2012-12	Run completed
run015	cam5_1_1degree_realworld_v1_3_1_ACE15	N/A	1996-01→2012-12	Run completed
run016	cam5_1_1degree_realworld_v1_3_1_ACE16	N/A	1996-01→2012-12	Run completed
run017	cam5_1_1degree_realworld_v1_3_1_ACE17	N/A	1996-01→2012-12	Run completed
run018	cam5_1_1degree_realworld_v1_3_1_ACE18	N/A	1996-01→2012-12	Run completed
run019	cam5_1_1degree_realworld_v1_3_1_ACE19	N/A	1996-01→2012-12	Run completed
run020	cam5_1_1degree_realworld_v1_3_1_ACE20	N/A	1996-01→2012-12	Run completed
run021	cam5_1_1degree_realworld_v1_3_1_ACE21	N/A	1996-01→2012-12	Run completed
run022	cam5_1_1degree_realworld_v1_3_1_ACE22	N/A	1996-01→2012-12	Run completed
run023	cam5_1_1degree_realworld_v1_3_1_ACE23	N/A	1996-01→2012-12	Run completed
run024	cam5_1_1degree_realworld_v1_3_1_ACE24	N/A	1996-01→2012-12	Run completed
run025	cam5_1_1degree_realworld_v1_3_1_ACE25	N/A	1996-01→2012-12	Run completed
run026	CAM5-1-1degree_All-Hist_est1_v1-3-1_run026	N/A	1996-01→2012-12	Run completed
run027	CAM5-1-1degree_All-Hist_est1_v1-3-1_run027	N/A	1996-01→2012-12	Run completed
run028	CAM5-1-1degree_All-Hist_est1_v1-3-1_run028	N/A	1996-01→2012-12	Run completed
run029	CAM5-1-1degree_All-Hist_est1_v1-3-1_run029	N/A	1996-01→2012-12	Run completed
run030	CAM5-1-1degree_All-Hist_est1_v1-3-1_run030	N/A	1996-01→2012-12	Run completed
run031	CAM5-1-1degree_All-Hist_est1_v1-3-1_run031	N/A	1996-01→2012-12	Run completed
run032	CAM5-1-1degree_All-Hist_est1_v1-3-1_run032	N/A	1996-01→2012-12	Run completed
run033	CAM5-1-1degree_All-Hist_est1_v1-3-1_run033	N/A	1996-01→2012-12	Run completed
run034	CAM5-1-1degree_All-Hist_est1_v1-3-1_run034	N/A	1996-01→2012-12	Run completed
run035	CAM5-1-1degree_All-Hist_est1_v1-3-1_run035	N/A	1996-01→2012-12	Run completed

Nat-Hist/CMIP5-est1/v2-0-1

Notes

- Intended to represent an approximation of what the past climate might have been in the absence of anthropogenic emissions
- Fully compatible with:
 - Nat-Hist/CMIP5-est1/v2-0-0 (differs only in time period)
 - Nat-Hist/CMIP5-est1/v2-0-2 (differs only in time period)
- Meaningful comparisons can be made against:
 - All-Hist/est1/v2-0-0
 - All-Hist/est1/v2-0-1

Status

31 January 2014

- All simulations completed to 2012-12
- Continuation through 2013-12 pending
- Publishing of atmospheric and land output pending

General experiment metadata

Attribute	Value
topography_file	USGS-gtopo30_0.9x1.25_remap_c051027.nc
experiment_family	Nat-Hist
experiment	CMIP5-est1
subexperiment	v2-0-1
parent_experiment_family	N/A
parent_experiment	N/A
parent_subexperiment	N/A

Experiment boundary conditions

Name	Setting	Filename
Anthropogenic radiative forcings		
Greenhouse gases	Volume mixing ratios: $\text{CO}_2 = 284.725 \cdot 10^{-6}$, $\text{CH}_4 = 790.979 \cdot 10^{-9}$, $\text{n}_2\text{O} = 275.425 \cdot 10^{-9}$, $\text{CFC11 (equivalent)} = 33.432 \cdot 10^{-12}$, $\text{CFC12} = 0.0$	
Sulphate aerosol	Year-1855 annual cycle	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Organic aerosol	Year-1855 annual cycle	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Black carbon aerosol	Year-1855 annual cycle	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Stratospheric ozone	Year-1855 annual cycle	ozone_hist-rcp85_v1_1.9x2.5_L26_1850-2105_DAS20130827.nc
Natural radiative forcings		
Solar luminosity	Historical	spectral_irradiance_Lean_1610-2140_ann_c100408.nc
Volcanic stratospheric aerosol	Historical according to Lean	CCSM4_volcanic_1850-2110_prototype1_mfw.nc
Sea salt aerosols	Year-1855 annual cycle	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Dust aerosol	Year-1855 annual cycle	aero_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc, aerosoldep_rcp8.5mod_monthly_1849-2104_1.9x2.5_c100201.nc, oxid_1.9x2.5_L26_1850-2105_hist-rcp85_DAS20130827.nc
Surface boundary conditions		
Sea surface temperature	HadISST1 to 1981-10, NOAA OI.v2 after, cooled according to estimate of attributable anthropogenic warming estimated from the CMIP5 ensemble	tos-sic_NOAA-OI-v2-for-LBNL-CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_199501-201301_20130527.nc
Sea ice coverage	HadISST1 to 1981-10, NOAA OI.v2 after, adjusted for consistency with sea surface temperatures according to the algorithm of Pall et alii (2011)	tos-sic_NOAA-OI-v2-for-LBNL-CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_199501-201301_20130527.nc
Land cover	Historical to 2005, RCP8.5 after	surfdata.pftdyn_0.9x1.25_rcp8.5_simyr1850-2100_c130702.nc

Published output

Realm	Spatial dimension	Time frequency	Published variables Published variables
Pending...			

Simulations

run_id	institute_run_id	parent_run_id	Period published	Status
run011	cam5_1_1degree_notrealworld_v1_3_1_ACE11	N/A	1996-01→2012-12	Run completed
run012	cam5_1_1degree_notrealworld_v1_3_1_ACE12	N/A	1996-01→2012-12	Run completed
run013	cam5_1_1degree_notrealworld_v1_3_1_ACE13	N/A	1996-01→2012-12	Run completed
run014	cam5_1_1degree_notrealworld_v1_3_1_ACE14	N/A	1996-01→2012-12	Run completed
run015	cam5_1_1degree_notrealworld_v1_3_1_ACE15	N/A	1996-01→2012-12	Run completed
run016	cam5_1_1degree_notrealworld_v1_3_1_ACE16	N/A	1996-01→2012-12	Run completed
run017	cam5_1_1degree_notrealworld_v1_3_1_ACE17	N/A	1996-01→2012-12	Run completed
run018	cam5_1_1degree_notrealworld_v1_3_1_ACE18	N/A	1996-01→2012-12	Run completed
run020	cam5_1_1degree_notrealworld_v1_3_1_ACE20	N/A	1996-01→2012-12	Run completed
run021	cam5_1_1degree_notrealworld_v1_3_1_ACE21	N/A	1996-01→2012-12	Run completed
run022	cam5_1_1degree_notrealworld_v1_3_1_ACE22	N/A	1996-01→2012-12	Run completed
run023	cam5_1_1degree_notrealworld_v1_3_1_ACE23	N/A	1996-01→2012-12	Run completed
run024	cam5_1_1degree_notrealworld_v1_3_1_ACE24	N/A	1996-01→2012-12	Run completed
run025	cam5_1_1degree_notrealworld_v1_3_1_ACE25	N/A	1996-01→2012-12	Run completed
run026	cam5_1_1degree_notrealworld_v1_3_1_ACE26	N/A	1996-01→2012-12	Run completed
run027	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run027	N/A	1996-01→2012-12	Run completed
run028	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run028	N/A	1996-01→2012-12	Run completed
run029	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run029	N/A	1996-01→2012-12	Run completed
run030	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run030	N/A	1996-01→2012-12	Run completed
run031	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run031	N/A	1996-01→2012-12	Run completed
run032	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run032	N/A	1996-01→2012-12	Run completed
run033	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run033	N/A	1996-01→2012-12	Run completed
run034	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run034	N/A	1996-01→2012-12	Run completed
run035	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run035	N/A	1996-01→2012-12	Run completed
run051	CAM5-1-1degree_Nat-Hist_CMIP5-est1_v1-3-1_run051	N/A	1996-01→2012-12	Run completed